

Title (en)

ABSORBENT ARTICLE DEMONSTRATING CONTROLLED DEFORMATION AND LONGITUDINAL FLUID DISTRIBUTION

Title (de)

ABSORBIERENDER ARTIKEL MIT KONTROLLIERTER VERFORMUNG UND FLÜSSIGKEITSVERTEILUNG IN LÄNGSRICHTUNG

Title (fr)

ARTICLE ABSORBANT PRÉSENTANT UNE DÉFORMATION CONTRÔLÉE ET UNE DISTRIBUTION DE FLUIDE LONGITUDINALE

Publication

EP 3001994 A1 20160406 (EN)

Application

EP 15187474 A 20150929

Priority

- US 201462057590 P 20140930
- US 201514656111 A 20150312

Abstract (en)

The present invention generally relates to absorbent articles and in particular to a absorbent articles demonstrating controlled deformation and enhanced fluid wicking in the longitudinal direction of the absorbent articles

IPC 8 full level

A61F 13/472 (2006.01); **A61F 13/475** (2006.01); **A61F 13/511** (2006.01); **A61F 13/533** (2006.01); **A61F 13/536** (2006.01)

CPC (source: BR CN EP RU US)

A61F 13/47218 (2013.01 - EP US); **A61F 13/47236** (2013.01 - CN); **A61F 13/4756** (2013.01 - EP US); **A61F 13/51104** (2013.01 - EP US); **A61F 13/51108** (2013.01 - EP US); **A61F 13/533** (2013.01 - EP US); **A61F 13/536** (2013.01 - EP US); **A61F 13/537** (2013.01 - BR); **A61F 13/53713** (2013.01 - CN); **A61F 13/84** (2013.01 - CN RU); **A61F 2013/15463** (2013.01 - CN); **A61F 2013/51078** (2013.01 - US); **A61F 2013/530131** (2013.01 - CN); **A61F 2013/530708** (2013.01 - CN); **A61F 2013/8476** (2013.01 - CN); **A61F 2013/8491** (2013.01 - CN)

Citation (applicant)

- US 2004015145 A1 20040122 - MIURA TSUNETOSHI [JP], et al
- US 4911701 A 19900327 - MAVINKURVE PRAMOD [US]
- US 5171302 A 19921215 - BUELL KENNETH B [US]
- US 7601144 B2 20091013 - DREVIK SOLGUN [SE]
- US 4555430 A 19851126 - MAYS ALFRED T [US]
- US 5916670 A 19990629 - TAN EROL [US], et al
- US 4687478 A 19870818 - VAN TILLBURG KEES J [US]
- US 4589876 A 19860520 - VAN TILBURG KEES J [US]
- US 4900320 A 19900213 - MCCOY SHERILYN S [US]
- US 4608047 A 19860826 - MATTINGLY WILLIAM B [US]
- US 5607414 A 19970304 - RICHARDS MARK R [US], et al
- US 2007219520 A1 20070920 - ROSENFELD LEONARD G [US], et al

Citation (search report)

- [X] EP 2246021 A2 20101103 - JOHNSON & JOHNSON IND LTDA [BR]
- [X] WO 2012086265 A1 20120628 - KAO CORP [JP], et al

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 3001994 A1 20160406; **EP 3001994 B1 20191023**; AU 2015224433 A1 20160414; AU 2015224433 B2 20200116; BR 102015024914 A2 20160524; BR 102015024914 B1 20211130; BR 102015024914 B8 20220719; BR 102015024914 B8 20220802; BR 102015024914 B8 20220816; BR 102015024914 B8 20220830; CA 2906070 A1 20160330; CA 2906070 C 20230124; CN 105455957 A 20160406; CN 105455957 B 20200814; PH 12015000324 A1 20170327; PH 12015000324 B1 20170327; RU 2015141461 A 20170404; RU 2015141461 A3 20190211; RU 2682776 C2 20190321; US 2016089282 A1 20160331; US 9968496 B2 20180515

DOCDB simple family (application)

EP 15187474 A 20150929; AU 2015224433 A 20150909; BR 102015024914 A 20150929; CA 2906070 A 20150929; CN 201510626866 A 20150928; PH 12015000324 A 20150922; RU 2015141461 A 20150929; US 201514656111 A 20150312